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10/16/00  
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JC932 U.S. 688143  
09/10/00  
10/16/00

Date: October 16, 2000

Docket No.: 2153-0110P

## BOX PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Douglas A. NEWBERG

For: DRAINABLE FERRULE VALVE DESIGN

Enclosed are:

- A specification consisting of seventy-two (72) pages
- Twenty-two (22) sheet(s) formal drawings
- An assignment of the invention
- Certified copy of Priority Document(s)
- Executed Declaration ( Original     Photocopy)
- A statement ( original     photocopy) to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27
- Preliminary Amendment
- Information Disclosure Statement, PTO-1449 and reference(s)
- Other:

The filing fee has been calculated as shown below:

		<b>LARGE ENTITY</b>		<b>SMALL ENTITY</b>		
<b>BASIC FEE</b>		<b>\$710.00</b>		<b>\$355.00</b>		
NUMBER FILED		NUMBER EXTRA	RATE	FEE	RATE	FEE
<b>TOTAL CLAIMS</b>	1- 20 =	0	X 18 =	\$0.00	x 9 =	\$0.00
<b>INDEPENDENT CLAIMS</b>	1- 3 =	0	x 80 =	\$0.00	x 40 =	\$0.00
MULTIPLE DEPENDENT <input type="checkbox"/> CLAIMS PRESENTED			+ \$270.00		+ \$135.00	
		<b>TOTAL</b>	\$0.00		\$355.00	

- A check in the amount of \$355.00 to cover the filing fee and recording fee (if applicable) is enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- Please send correspondence to:  
BIRCH, STEWART, KOLASCH & BIRCH, LLP **or** Customer No. 2292  
P.O. Box 747  
Falls Church, VA 22040-0747  
Telephone: (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Joe McKinney Muncy, #32,334

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KM/PCL/SM  
2153-0110P  
Attachments

(REV. 09/29/2000)

STATEMENT CLAIMING SMALL ENTITY STATUS Docket Number: 2153-0110E  
(37 CFR 1.9(f) & 1.27(e)) - SMALL BUSINESS CONCERN

Applicant, Patentee, or Identifier: Douglas A. NEWBERG

Application or Patent No.:

Filed or ISSUED: October 16, 2000

Title: DRAINABLE FERRULE VALVE DESIGN

I hereby state that I am

the owner of the small business concern identified below;  
 an official of the small business concern empowered to act on behalf of the concern identified below;

NAME OF SMALL BUSINESS CONCERN NL TECHNOLOGIES, LIMITED

ADDRESS OF SMALL BUSINESS CONCERN P.O. Box 1001, Gambrills, Maryland 21054

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 37 CFR Part 1.21 for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

the specification filed herewith with title as listed above.  
 the application identified above.  
 the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

no such person, concern, or organization exists.  
 each such person, concern, or organization is listed below.

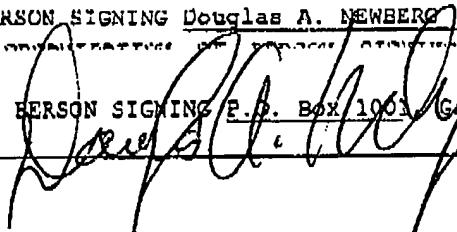
Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.27)

NAME OF PERSON SIGNING Douglas A. NEWBERG

Limited

ADDRESS OF PERSON SIGNING P.O. Box 1001, Gambrills, Maryland 21054

SIGNATURE 

DATE 10/16/00